

IUID - CDMD-OA

**Naval Sea Logistics Center
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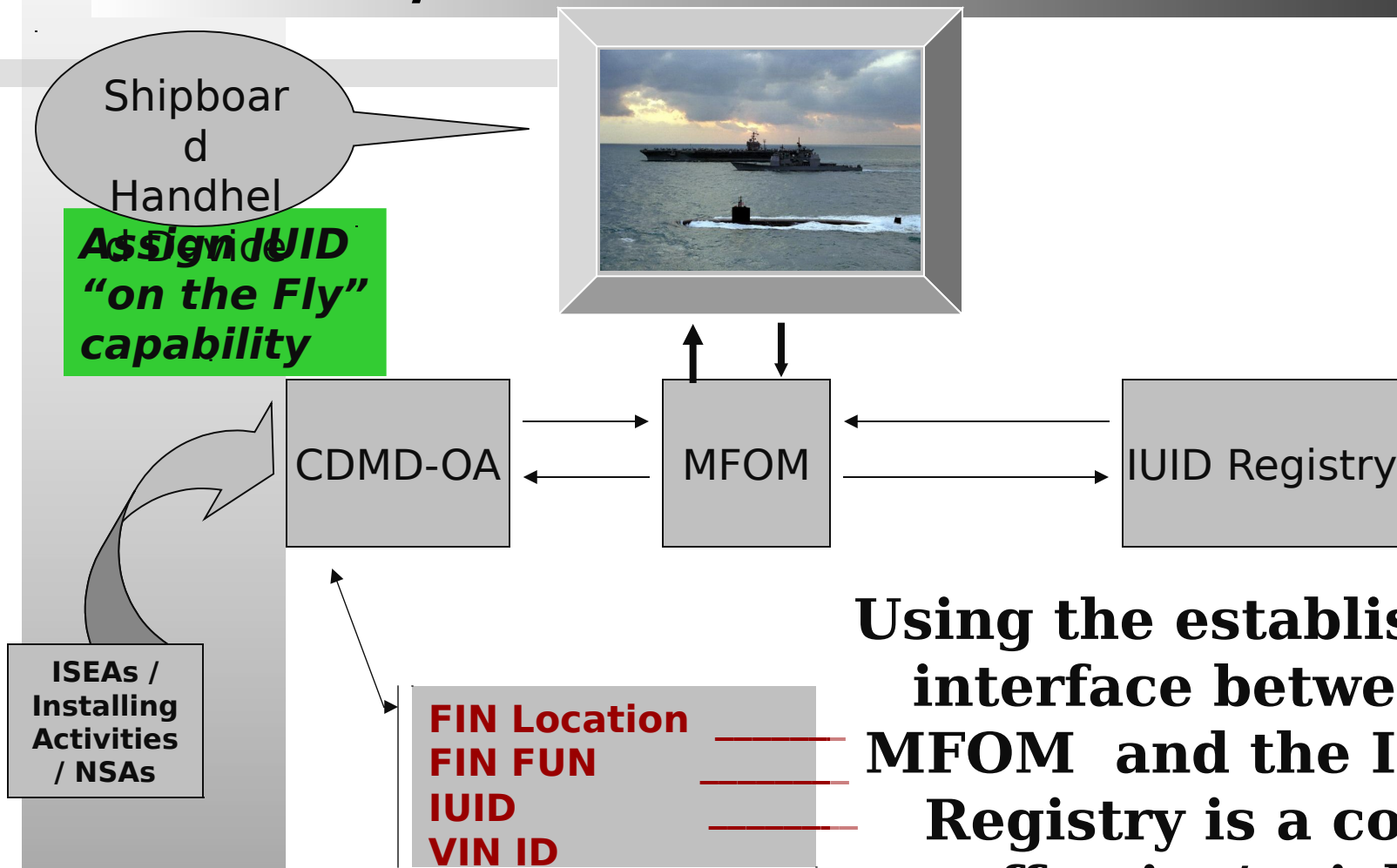
CDMD-OA: Evolution

- **Ships Configuration and Logistics Support Information System(SCLSIS) was developed in the mid 60's to track shipboard and shore-based equipment configuration.**
- **Due to high infrastructure costs and poor process throughput, SCLSIS was migrated to CDMD-OA environment.**
- **CDMD-OA development began in 1996 and was deployed in April of 1997.**
- **June 2001 CDMD-OA Mandate Designated authoritative data source for configuration management**

CDMD-OA: Statistics

- **Links shipbuilding, In-Service Engineering Agents, and Planning Yards in a single process for creating, approving, and resourcing ship configuration changes.**
- **Links to Naval Supply Systems for ordering spare parts for ship storerooms and interface with ERP is nearing completion.**
- **Documents the configuration for 2,640 Activities worldwide across each of the (3) primary enterprises - Afloat, Ashore, and Expeditionary (including 332 Vessels)**
- **Stores: 11,090,579 Equipment Records, 22,550,452 Logistics Support Document References, and 658,324 Alteration Records: 14**

MFOM / CDMD-OA SOLUTION



Using the established interface between MFOM and the IUID Registry is a cost effective/quick solution.



Action: Rin: Cdm: 011PF Ship: Other Rec Chk

Disctl: H Install Dt: Ein: 1993 4900 NAVISTAR Hsc: 57373E973

Ric: 950006353 Nha/Nla Ric Qty: 1 Cage: 03950 Ael Col:

Eic: UB1083B Location: N20 WCRC: AL03

WCRE: AL03 Prid: 064402 Val Date: 1208 Val Wv:

DISL: B ISC: G DOVC: JF VSAC: LV RNV: SN: 96-45035

JCN/Page: SNAP # Nha Ric: Nha Rin:

P Ric: P SN: Nha: 1HTSJPCR5PH493441

Configuration Reporting Information SC: Psdn: 20 SRG Psdin: FT900 19 TNC: 9

Activity Initials Date
N62583 YAS 180241

Esc: AFC: Sei:

IUID field has been added to CDMD-OA Record Type 2

Esd: CLESE Sac: 0XA5C Isea: N62583 Scat: Lssc: AA MEC: V

Eic: CLESE MMT: 624 DED 46000 GVW Cei: H MCC: 2

RicNm: TRUCK DUMP 10 CY 6X6 FT900 1991. AINAC: SP

USN/BUNO/Craft: 96-45035 Database Id: Inventory Id:

Ull/VIN: 1HTSJPCR5PH493441 Equip Ty: 064402

Activity Id: Trans Date:

✓ UII Input Solution Developed

- **COMNAVSURFOR LTR DTD 16 MAR 09: REQUEST FOR SUPPORT OF MFOM - NAVSEA 04 Actions:**
 - Assist with improving logistics support by linking configuration data in CDMD-OA to the FIN and tagging legacy equipment with IUID, reducing Sailor 2K completion time from 29 minutes to 2 seconds
- **Current interface to maintain MFOM Models is via ASI**
- **SRS to establish 2-way MFOM-CDMD-OA web-service has been completed and submitted to the PMO CDA - currently unfunded**
- **Work-around to upload UII field data established until automated 2-way interface in place**

✓ NAVSEA Standard Item Updated

FY-11 ATTACHMENT A

EQUIPMENT/COMPONENT LOGISTICS AND TECHNICAL DATA
NAVSEA STANDARD ITEM 009-21

ALL DATA FIELDS ARE MANDATORY FILL. WRITE "NONE" WHERE NOT APPLICABLE.

- SHIP NAME: HULL:
- SPEC PKG. NO.: AUTHORITY (WORK ITEM):
- ACTION: RIC:
- SERIAL NUMBER:
- **ITEM UNIQUE IDENTIFIER (IUID)/UNIQUE ITEM IDENTIFIER (UII):**
- VALVE MARK/ELECTRICAL SYMBOL NUMBER:
- QUANTITY: SHIPBOARD LOCATION:
- RIC NOMENCLATURE:
- TM(S) RECEIVED:
- PMS MIP/MRC'S RECEIVED:
- OBRP(S) RECEIVED:
- INSTALLATION DRAWING NO:
- RIC CHARACTERISTICS:

Planned Actions

Additional actions required to optimize solution:

- **Stage 1:**
 - **Expand SDIF format to support automated feed of IUID data to CDMD-OA**
 - **Establish flag in CDMD-OA to indicate equipment has been physically marked with IUID**
 - **Complete MFOM/CDMD-OA two-way interface maintenance**
 - **Establish/communicate policy**
- **Stage 2:**
 - **Fund/Complete MFOM/CDMD-OA/NDE ILS Integration to support closed-loop life cycle tracking of IUID marked equipment and TOC**